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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/665,721	09/18/2000	Sukhdeep Samra	080398.P288	5421

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EXAMINER

TRAN, TAM D

ART UNIT PAPER NUMBER

2676

DATE MAILED: 07/02/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	09/665,721	SAMRA, SUKENDEEP
Examiner	Art Unit	
Tam D. Tran	2676	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 11 April 2003.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-56 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-56 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.
 If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 a) The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413) Paper No(s). _____.
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)
 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____. 6) Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-56 are rejected under 35 U.S.C. 102(b) as being anticipated by Brownstein (PN 4482924).

2. In regard to claims 1, 15 and 29, 43, Brownstein teaches method of auto-cropping images for video player (method, system and machine), comprising: preparing autocrop data for each image of a sequences of images, each image comprising a frame of video data; see col.4 lines 5-10; and storing autocrop data for each key frame of the sequences of images. See col.3 lines 29-37.

3. In regard to claims 2, 3, 12, 16, 17, 26, 30, 31, 39, 44, 45, 54, Brownstein teaches method of auto-cropping images for video player (method, system and machine) wherein preparing autocrop data comprises: determining the active region of a current image of the sequences of images, see col. 3 lines 8-14.

4. In regard to claims 4, 5, 6, 7, 18, 19, 20, 21, 32, 33, 34, 35, 46, 47, 48, 49, Brownstein teaches method of auto-cropping images for video player (method, system and machine) wherein method including magnify the image in every horizontal position and vertical position, see col.3 lines 29-37.

5. In regard to claims 8, 9, 22, 23, 36, 37, 50, 51, Brownstein teaches method of auto-cropping images for video player (method, system and machine) comprising: performing frame selection, see col.4 lines 5- 9.

6. In regard to claims 10, 24, 38, 52 Brownstein teaches method of auto-cropping images for video player (method, system and machine) comprises: calculating the difference in area between the active region of the current image and active region of the prior image, and means for comparing the difference in area with smoothing factor. See col.4 lines 16-22.

7. In regard to claims 11, 25, 53, Brownstein teaches method of auto-cropping images for video player (method, system and machine) wherein magnification image (smooth factor) is processed to crop the object, col.3 lines 30-35

8. In regard to claims 13, 14, 27, 28, 40, 55, 56, Brownstein teaches method of auto-cropping images for video player (method, system and machine), wherein image is zoom out or magnify (adding boundary to the active region of the current image). See col.3 line 10-14.

9. In regard to claims 41 and 42, Brownstein teaches method of auto-cropping images for video player (method, system and machine). As to the storage device and the network, it is inherent that every computer has storage device, memory and network communication.

Response to Arguments

10. Applicant's arguments with respect to claims 1-56 have been considered but are moot in view of the new ground(s) of rejection.

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Conclusion

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tam D. Tran** whose telephone number is **703-305-4196**. The examiner can normally be reached on MON-FRI from 8:30 – 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Matthew Bella** can be reached on **703-308-6829**.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered response should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth floor (Receptionist).

Art Unit: 2676

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Tam Tran

Examiner

Art unit 2676

Jeffery A. Brier
JEFFERY BRIER
PRIMARY EXAMINER